

# Notice of Allowability

Application No.

10/502,008

Examiner

Khiem Nguyen

Applicant(s)

GOTO ET AL.

Art Unit

2839

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Letter of 7/20/04.
2. ☒ The allowed claim(s) is/are 1-11.
3. ☒ The drawings filed on 20 July 2005 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*Khiem Nguyen*  
Khiem Nguyen  
Primary Examiner

### REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

None of the prior art discloses the claimed insulation displacement connector with a built-in board as being recited in the independent claims of the present invention.

Claims 1-4 recite inter alia an insulation displacement connector with a built-in board comprising an insulation displacement terminal including a body having an insulation displacement blade connectable with an insulated wire; a main housing; a bottom plate; a terminal retainer portion; a circuit board; a first cover housing attached to the main housing, wherein a first retaining space for the insulation displacement terminal defined between the main housing and the first cover housing; a second cover housing attached to the main housing, wherein a second retaining space for the circuit board is defined between the main housing and the second cover housing, wherein the insulated wire has a pair of bent portions, formed by the first covering housing, at both sides of the body of the insulation displacement terminal.

Claims 5-6 recite inter alia an insulation displacement connector with a built-in board comprising an insulation displacement terminal including a body having an insulation displacement blade connectable with an insulated wire; a main housing; a bottom plate; a terminal retainer portion; a circuit board; a first cover housing attached to the main housing, wherein a first retaining space for the insulation displacement terminal defined between the main housing and the first

cover housing; a second cover housing attached to the main housing, wherein a second retaining space for the circuit board is defined between the main housing and the second cover housing; and projection and an end wall provided on the first cover housing and adapted to bend the insulated wire at both side portions of the body of the insulation displacement terminal.

Claims 7-11 recite inter alia an insulation displacement connector with a built-in board comprising an insulation displacement terminal including a body having an insulation displacement blade connectable with an insulated wire; a main housing; a bottom plate; a terminal retainer portion; a circuit board; a first cover housing attached to the main housing, wherein a first retaining space for the insulation displacement terminal defined between the main housing and the first cover housing; a second cover housing attached to the main housing, wherein a second retaining space for the circuit board is defined between the main housing and the second cover housing, wherein the second cover housing has a portion for receiving an insulation displacement load of the insulation displacement terminal via the bottom plate and circuit board, wherein the portion is formed on a position opposed to the terminal retainer portion of the main housing.

The art of record does not disclose the claims' limitations, nor would it be obvious To modify the art of record so as to include the above limitations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

Art Unit: 2839

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khiem Nguyen whose telephone number is 571 272-2096. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TC Patel can be reached on 571 272-2098. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Khiem Nguyen*  
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Primary Examiner  
Art Unit 2839